

Ken Tanaka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

323
papers

10,995
citations

58
h-index

87
g-index

468
ext. papers

12,392
ext. citations

6.6
avg, IF

6.81
L-index

#	Paper	IF	Citations
323	Comprehensive characterization of polyacetylenes and diterpenes from the underground parts of <i>Solidago altissima</i> L. and their contribution to the overall allelopathic activity. <i>Phytochemistry</i> , 2022 , 193, 112986	4	1
322	ASYMMETRIC CARBOMETALLATIONS INCLUDING CARBOCYCLIZATIONS 2022 , 705-726		
321	Homogeneous and Heterogeneous Gold Catalysis for Materials Science. <i>Chemical Reviews</i> , 2021 , 121, 9113-9163	68.1	48
320	Dienylation of Unfunctionalized Arenes with 1,6-Diynes via Rhodium-Catalyzed Directing-Group-Free C-H Bond Activation. <i>Synthesis</i> , 2021 , 53, 3065-3074	2.9	2
319	Illuminating Stannylation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5629-5635	16.4	0
318	Rhodium(III)-Catalyzed Oxidative Intramolecular 1,1-Oxyamination of Alkenes with Protected Amino Acids to Produce Oxazoloisindole-2,5-diones. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1891-1895	3.2	
317	Rhodium-Catalyzed Enantioselective Synthesis, Structures, and Properties of Single and Double Azahelicene-Like Molecules. <i>Chemistry - A European Journal</i> , 2021 , 27, 9313-9319	4.8	3
316	Photo-Induced -C-H Borylation of Arenes through In Situ Generation of Rhodium(II) Ate Complexes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 11325-11331	16.4	7
315	Gold-Catalyzed [3 + 2] Annulation, Carbenoid Transfer, and C-H Insertion Cascade: Elucidation of Annulation Mechanisms via Benzopyrylium Intermediates. <i>ACS Catalysis</i> , 2021 , 11, 1932-1937	13.1	1
314	Asymmetric synthesis, structures, and chiroptical properties of helical cycloparaphenylenes. <i>Chemical Science</i> , 2021 , 12, 7858-7865	9.4	8
313	Platinum-Catalyzed Intramolecular Spirocyclization of -(Methylnaphthalenyl)propiolamides via Formal Aromatic Ene Reaction. <i>Organic Letters</i> , 2021 , 23, 1934-1939	6.2	1
312	Rhodium-Catalyzed Highly Diastereo- and Enantioselective Synthesis of a Configurationally Stable S-Shaped Double Helicene-Like Molecule. <i>Angewandte Chemie</i> , 2020 , 132, 11113-11120	3.6	9
311	Iridium(III) Catalysts with an Amide-Pendant Cyclopentadienyl Ligand: Double Aromatic Homologation Reactions of Benzamides by Fourfold C-H Activation. <i>Angewandte Chemie</i> , 2020 , 132, 10560-10564	3.6	1
310	Enantioselective Synthesis of Planar Chiral Zigzag-Type Cyclophenylene Belts by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9834-9842	16.4	19
309	Iridium(III) Catalysts with an Amide-Pendant Cyclopentadienyl Ligand: Double Aromatic Homologation Reactions of Benzamides by Fourfold C-H Activation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10474-10478	16.4	8
308	Rhodium-Catalyzed Highly Diastereo- and Enantioselective Synthesis of a Configurationally Stable S-Shaped Double Helicene-Like Molecule. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11020-11027	16.4	24
307	Synthesis, Structures, and Properties of Highly Strained Cyclophenylene-Ethynylenes with Axial and Helical Chirality. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17951-17957	16.4	11

306	Rhodium-Catalyzed ortho-Olefination of Sterically Demanding Benzamides: Application to the Asymmetric Synthesis of Axially Chiral Benzamides. <i>Chemistry - A European Journal</i> , 2020 , 26, 4969-4973	4.8	9
305	Rhodium-Catalyzed ortho-Bromination of O-Phenyl Carbamates Accelerated by a Secondary Amide-Pendant Cyclopentadienyl Ligand. <i>Chemistry - A European Journal</i> , 2020 , 26, 5774-5779	4.8	2
304	Enantioselective Synthesis of Polycyclic Aromatic Hydrocarbon (PAH)-Based Planar Chiral Bent Cyclophanes by Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2020 , 26, 12579-12588	4.8	7
303	Rhodium-Catalyzed Asymmetric [2+2+2] Cycloaddition of 1,6-Enynes with Racemic Secondary Allylic Alcohols through Kinetic Resolution. <i>Chemistry - A European Journal</i> , 2020 , 26, 3698-3702	4.8	2
302	Enantioselective Synthesis of Distorted π -Extended Chiral Triptycenes Consisting of Three Distinct Aromatic Rings by Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2020 , 26, 3004-3009	4.8	8
301	Rhodium(III)-Catalyzed Oxidative -Olefination of Phenyl Carbamates with Alkenes: Elucidation of Acceleration Mechanisms by Using an Unsubstituted Cyclopentadienyl Ligand. <i>Organic Letters</i> , 2020 , 22, 7181-7186	6.2	2
300	Synthesis, Structures, and Properties of Highly Strained Cyclophenylene π -Ethylenes with Axial and Helical Chirality. <i>Angewandte Chemie</i> , 2020 , 132, 18107-18113	3.6	4
299	Synthesis of CF ₃ -Containing Isoindolinone Derivatives through Rhodium-catalyzed Oxidative Coupling of Benzamides with 2-Trifluoromethylacrylate. <i>Chemistry Letters</i> , 2020 , 49, 1481-1483	1.7	1
298	Aerobic Oxidative Olefination of Benzamides with Styrenes Catalyzed by a Moderately Electron-Deficient CpRh(III) Complex with a Pendant Amide. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2504-2511	1.7	17
297	Rhodium(I)-Catalyzed Reactions via Carbon-Hydrogen Bond Cleavage 2019 , 277-297		
296	Rhodium(I)-Catalyzed Reactions via Carbon-Carbon Bond Cleavage 2019 , 299-339		
295	Rhodium(II)-Catalyzed Nitrogen-Atom Transfer for Oxidation of Aliphatic C-H Bonds 2019 , 373-432		
294	Rhodium(I)-Catalyzed [2+2+2] and [4+2] Cycloadditions 2019 , 183-228		14
293	Synthesis of a Strained Spherical Carbon Nanocage by Regioselective Alkyne Cyclotrimerization. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9439-9442	16.4	13
292	Synthesis of a Strained Spherical Carbon Nanocage by Regioselective Alkyne Cyclotrimerization. <i>Angewandte Chemie</i> , 2019 , 131, 9539-9542	3.6	6
291	Oxidative Annulation of Acetanilides with Alkynes Catalyzed by Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 986-993	3	6
290	Rhodium-Catalyzed Synthesis, Crystal Structures, and Photophysical Properties of [6]Cycloparaphenylene Tetracarboxylates. <i>Organic Letters</i> , 2019 , 21, 3895-3899	6.2	12
289	Rhodium-Catalyzed [2+1+2+1] Cycloaddition of Benzoic Acids with Diynes through Decarboxylation and C-C Triple Bond Cleavage. <i>Chemistry - A European Journal</i> , 2019 , 25, 9427-9432	4.8	7

288	Rhodium(III)-Catalyzed Non-annulative Carbon-Hydrogen Bond Functionalization 2019 , 521-592		6
287	Synthesis of Belt- and Möbius-Shaped Cycloparaphenylenes by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14955-14960	16.4	40
286	Aerobic Oxidative Cross-Coupling of Substituted Acrylamides with Alkenes Catalyzed by an Electron-Deficient CpRh Complex. <i>Journal of Organic Chemistry</i> , 2019 , 84, 13164-13171	4.2	15
285	Inverted Sandwich Rh Complex Bearing a Plumbane Ligand and Its Catalytic Activity. <i>Organometallics</i> , 2019 , 38, 3099-3103	3.8	9
284	Formal Lossen Rearrangement/Alkenylation or Annulation Cascade of Heterole Carboxamides with Alkynes Catalyzed by CpRh Complexes with Pendant Amides. <i>Chemistry - A European Journal</i> , 2019 , 25, 16022	4.8	12
283	Facile Synthesis of Dibenzotetracenedione Derivatives by Rhodium-Catalyzed [2+2+2] Cycloaddition/Spontaneous Aromatization. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1823-1829	4.5	3
282	Gold-Catalyzed Enantioselective Intramolecular Annulation of Ene-Yne-Carbonyls via Benzopyrylium-Type Intermediates. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 1488-1492	3.2	3
281	Sterically and Electronically Tuned Cp Ligands for Rhodium(III)-Catalyzed Carbon-Hydrogen Bond Functionalization 2019 , 593-628		4
280	Rhodium(I)-Catalyzed Asymmetric Hydrogenation 2019 , 1-37		3
279	Rhodium(II) Tetracarboxylate-Catalyzed Enantioselective C-H Functionalization Reactions 2019 , 341-372		1
278	Rhodium(II)-Catalyzed Cyclopropanation 2019 , 433-448		1
277	Reactions of η -Amino Rhodium(II) Carbene Complexes Generated from N-Sulfonyl-1,2,3-Triazoles 2019 , 449-470		18
276	Rhodium(I)-Catalyzed Hydroboration and Diboration 2019 , 39-48		
275	Chiral Cp Ligands for Rhodium(III)-Catalyzed Asymmetric Carbon-Hydrogen Bond Functionalization 2019 , 629-644		3
274	Rhodium(I)-Catalyzed Hydroformylation and Hydroamination 2019 , 49-62		1
273	Rhodium(I)-Catalyzed Hydroacylation 2019 , 63-84		4
272	Rhodium(I)-Catalyzed Asymmetric Addition of Organometallic Reagents to Unsaturated Compounds 2019 , 85-116		2
271	Rhodium(I)-Catalyzed Allylation with Alkynes and Allenes 2019 , 117-132		1

270	Rhodium(I)-Catalyzed [2+2+1] and [4+1] Cycloadditions 2019 , 161-182		2
269	Enantioselective Synthesis and Epimerization Behavior of a Chiral S-Shaped [11]Helicene-Like Molecule Having Collision between Terminal Benzene Rings. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 1390-1396	3.2	16
268	Rhodium(I)-Catalyzed Cycloadditions Involving Vinylcyclopropanes and Their Derivatives 2019 , 229-276		4
267	Rhodium(II)-Catalyzed 1,3- and 1,5-Dipolar Cycloaddition 2019 , 471-486		1
266	Rhodium(III)-Catalyzed Annulative Carbon-Hydrogen Bond Functionalization 2019 , 487-519		3
265	Rhodium(I)-Catalyzed Reductive Carbon-Carbon Bond Formation 2019 , 133-160		
264	Catalytic Enantioselective Synthesis of Planar Chiral Cyclophanes. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 187-194	5.1	25
263	Formal Lossen Rearrangement/[3+2] Annulation Cascade Catalyzed by a Modified Cyclopentadienyl Rh Complex. <i>Chemistry - A European Journal</i> , 2018 , 24, 5723-5727	4.8	23
262	Rhodium-Catalyzed Cascade Synthesis of Benzofuranylmethylidene-Benzoxasiloles: Elucidating Reaction Mechanism and Efficient Solid-State Fluorescence. <i>Chemistry - A European Journal</i> , 2018 , 24, 7161-7171	4.8	15
261	Enantioselective Synthesis of Fully Benzenoid Single and Double Carbohelicenes via Gold-Catalyzed Intramolecular Hydroarylation. <i>Chemistry - A European Journal</i> , 2018 , 24, 5434-5438	4.8	32
260	Rhodium-catalyzed Enantioselective Synthesis and Properties of Silicon-stereogenic Benzofuranylmethylidene-benzoxasiloles. <i>Chemistry Letters</i> , 2018 , 47, 787-790	1.7	2
259	Synthesis of Functionalized (η-Indenyl)rhodium(III) Complexes and Their Application to C-H Bond Functionalization. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 505-509	4.5	17
258	Synthesis of Single and Double Dibenzohelicenes by Rhodium-Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloaddition. <i>Chemistry - A European Journal</i> , 2018 , 24, 6364-6370	4.8	37
257	Rhodium-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of Unsymmetrical β -Dienes with Acenaphthylene. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2617-2626	4.2	10
256	Rhodium-mediated enantioselective synthesis of a benzopicene-based phospho[9]helicene: the structure-property relationship of triphenylene- and benzopicene-based carbo- and phosphahelicenes. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 585-590	7.8	15
255	Room Temperature Decarboxylative and Oxidative [2+2+2] Annulation of Benzoic Acids with Alkynes Catalyzed by an Electron-Deficient Rhodium(III) Complex. <i>Chemistry - A European Journal</i> , 2018 , 24, 317-321	4.8	26
254	Reversible Mechanochromic Luminescence of a Heteroatom-Free Helically Chiral Hydrocarbon. <i>Chemistry Letters</i> , 2018 , 47, 1228-1231	1.7	2
253	Asymmetric Synthesis of Configurationally Stable Gel-Former-type p-Terphenyls via Rhodium-catalyzed Intramolecular Double [2+2+2] Cycloaddition. <i>Chemistry Letters</i> , 2018 , 47, 806-809	1.7	4

252	[2+2+2] Annulation of -(1-Naphthyl)acetamide with Two Alkynoates via Cleavage of Adjacent C-H and C-N Bonds Catalyzed by an Electron-Deficient Rhodium(III) Complex. <i>Molecules</i> , 2018 , 23,	4.8	9
251	Rhodium-Catalyzed Enantioselective [2 + 2 + 1] Cycloaddition of 1,6-Enynes with Cyclopropylideneacetamides. <i>Organic Letters</i> , 2018 , 20, 7461-7465	6.2	2
250	Substituent-Controlled and Rhodium-Catalyzed Intramolecular [2+2+2] and [2+1+2+1] Cycloadditions of Electron-Deficient Triynes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 5916-5920	3.2	8
249	Functionalized Cyclopentadienyl Ligands and Their Substituent Effects on a Rhodium(III)-Catalyzed Oxidative [4+2] Annulation of Indole- and Pyrrole-1-Carboxamides with Alkynes. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 1396-1402	3	15
248	Synthesis of Alkynylmethylidene-benzoxasiloles through a Rhodium-Catalyzed Cycloisomerization Involving 1,2-Silicon and 1,3-Carbon Migration. <i>Angewandte Chemie</i> , 2017 , 129, 3050-3054	3.6	2
247	Synthesis of Alkynylmethylidene-benzoxasiloles through a Rhodium-Catalyzed Cycloisomerization Involving 1,2-Silicon and 1,3-Carbon Migration. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3004-3008	16.4	11
246	Fulvene Synthesis by Rhodium(I)-Catalyzed [2+2+1] Cycloaddition: Synthesis and Catalytic Activity of Tunable Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. <i>Angewandte Chemie</i> , 2017 , 129, 3644-3647	3.6	18
245	Fulvene Synthesis by Rhodium(I)-Catalyzed [2+2+1] Cycloaddition: Synthesis and Catalytic Activity of Tunable Cyclopentadienyl Rhodium(III) Complexes with Pendant Amides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3590-3593	16.4	45
244	Synthesis, Structures, and Photophysical Properties of Alternating Donor-Acceptor Cycloparaphenylenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 7227-7231	4.8	21
243	Synthesis of [8]Cycloparaphenylene-octacarboxylates via Rh-Catalyzed Stepwise Cross-Alkyne Cyclootrimerization. <i>Organic Letters</i> , 2017 , 19, 2993-2996	6.2	24
242	Rhodium-Catalyzed Asymmetric [2 + 2 + 2] Cyclization of 1,6-Enynes with Aliphatic and Aromatic Alkenes. <i>Organic Letters</i> , 2017 , 19, 2913-2916	6.2	9
241	Synthesis, Structure, and Photophysical/Chiroptical Properties of Benzopicene-Based π Conjugated Molecules. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1136-1144	4.2	23
240	Rh-Mediated Enantioselective Synthesis, Crystal Structures, and Photophysical/Chiroptical Properties of Phenanthrenol-Based [9]Helicene-like Molecules. <i>Organic Letters</i> , 2017 , 19, 42-45	6.2	35
239	Rhodium-Catalyzed Chemo- and Regioselective Intermolecular Cross-Cyclootrimerization of Nonactivated Terminal and Internal Alkynes. <i>Journal of Organic Chemistry</i> , 2017 , 82, 11117-11125	4.2	19
238	Rhodium-Catalyzed Enantioselective Synthesis and Chiroptical Properties of Helicenes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017 , 75, 458-465	0.2	4
237	Atroposelective Synthesis of Axially Chiral All-Benzenoid Biaryls by the Gold-Catalyzed Intramolecular Hydroarylation of Alkynones. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4465-4469	3.2	27
236	Synthesis of Functionalized Benzobarrelenes and Azabenzobarrelenes by Rhodium-catalyzed [2+2+2] Cycloaddition. <i>Chemistry Letters</i> , 2016 , 45, 86-88	1.7	1
235	Concise Synthesis of Fungal Metabolite (+)-Fusarochromanone via Rhodium(III)-catalyzed Oxidative sp ² C-H Bond Olefination. <i>Chemistry Letters</i> , 2016 , 45, 1177-1179	1.7	10

234	Oxidative Annulation of Arenecarboxylic and Acrylic Acids with Alkynes under Ambient Conditions Catalyzed by an Electron-Deficient Rhodium(III) Complex. <i>Chemistry - A European Journal</i> , 2016 , 22, 14190-4	4.8	64
233	Rhodium(III)-Catalyzed Tandem [2+2+2] Annulation-Lactamization of Anilides with Two Alkynoates via Cleavage of Two Adjacent C-H or C-H/C-O bonds. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2260-4	4.5	28
232	Asymmetric Synthesis of Protected Cyclohexenylamines and Cyclohexenols by Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15373-15376	16.4	17
231	Asymmetric Synthesis of Protected Cyclohexenylamines and Cyclohexenols by Rhodium-Catalyzed [2+2+2] Cycloaddition. <i>Angewandte Chemie</i> , 2016 , 128, 15599-15602	3.6	8
230	Rhodium-Catalyzed Cross-Cyclotrimerization and Dimerization of Allenes with Alkynes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6753-7	16.4	27
229	Rhodium-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of 1,6-Enynes with Cyclopropylideneacetamides. <i>Organic Letters</i> , 2016 , 18, 388-91	6.2	20
228	Rhodium-Catalyzed Cycloisomerization of 2-Silylethynyl Phenols and Anilines via 1,2-Silicon Migration. <i>Organic Letters</i> , 2016 , 18, 1654-7	6.2	33
227	Facile Generation and Isolation of η^3 -Allyl Complexes from Aliphatic Alkenes and an Electron-Deficient Rh(III) Complex: Key Intermediates of Allylic C-H Functionalization. <i>Organometallics</i> , 2016 , 35, 1547-1552	3.8	57
226	Gold-Catalyzed Enantioselective Synthesis, Crystal Structure, and Photophysical/Chiroptical Properties of Aza[10]helicenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 9537-41	4.8	32
225	Heteroarene-Directed Oxidative sp(2) C-H Bond Allylation with Aliphatic Alkenes Catalyzed by an (Electron-Deficient η^5 -Cyclopentadienyl)rhodium(III) Complex. <i>Organic Letters</i> , 2016 , 18, 2934-7	6.2	59
224	Rhodium-Catalyzed Asymmetric [2 + 2 + 2] Cycloaddition of η^2 -Diyne with Unsymmetrical 1,2-Disubstituted Alkenes. <i>Organic Letters</i> , 2016 , 18, 2672-5	6.2	17
223	Rhodium-Catalyzed Atroposelective [2 + 2 + 2] Cycloaddition of Ortho-Substituted Phenyl Diynes with Nitriles: Effect of Ortho Substituents on Regio- and Enantioselectivity. <i>Organic Letters</i> , 2016 , 18, 2170-3	6.2	30
222	Macrocyclization by Rhodium-Catalyzed Cross-Cyclotrimerization of L-Shaped Diynes with Di-tert-butyl Acetylenedicarboxylate: Effect of Bent Linkers of Diynes. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4668-4673	3.2	11
221	Rhodium-Catalyzed [2+2+2] Cycloaddition/Aromatization of 1,6-Diynes with Cyclic Enol Ethers at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 132-138	3.2	10
220	Enantioselective Synthesis, Crystal Structure, and Photophysical Properties of a 1,1'-Bitriphenylene-Based Sila[7]helicene. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1409-1414	3.2	49
219	Cationic rhodium(I)/BIPHEP complex-catalyzed cross-cyclotrimerization of silylacetylenes and unsymmetrical electron-deficient internal alkynes. <i>Tetrahedron Letters</i> , 2015 , 56, 4938-4942	2	4
218	Oxidative Olefination of Anilides with Unactivated Alkenes Catalyzed by an (Electron-Deficient η^5 -Cyclopentadienyl)Rhodium(III) Complex Under Ambient Conditions. <i>Chemistry - A European Journal</i> , 2015 , 21, 9053-6	4.8	85
217	Chemical profiling with HPLC-FTMS of exogenous and endogenous chemicals susceptible to the administration of chitosan in an animal model of type 2 diabetes-induced dementia. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 104, 21-30	3.5	14

216	Transition Metal-Mediated Aromatic Ring Construction 2015 , 587-614		2
215	Enantioselective Helicene Synthesis by Rhodium-Catalyzed [2+2+2] Cycloadditions. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 375-385	5.1	89
214	Asymmetric Dearomatization of 1-Amino[1]naphthalene Derivatives through C-C Bond Formation with Electron-Rich Heterocycles as Nucleophiles. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4374-4382	3.2	10
213	Concise Synthesis and Facile Nanotube Assembly of a Symmetrically Multifunctionalized Cycloparaphenylene. <i>Chemistry - A European Journal</i> , 2015 , 21, 18900-4	4.8	33
212	Rhodium-Catalyzed [3+2+2] and [2+2+2] Cycloadditions of Two Alkynes with Cyclopropylideneacetamides. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8241-4	16.4	50
211	Rhodium-Catalyzed [3+2+2] and [2+2+2] Cycloadditions of Two Alkynes with Cyclopropylideneacetamides. <i>Angewandte Chemie</i> , 2015 , 127, 8359-8362	3.6	20
210	Synthesis of Pyridylphosphonates by Rhodium-Catalyzed [2+2+2] Cycloaddition of 1,6- and 1,7-Diynes with Diethyl Phosphorocyanidate. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 1092-1099	3.3	21
209	Asymmetric dearomatization of 1-aminonaphthalene derivatives by gold-catalyzed intramolecular double C-C bond formation. <i>Organic Letters</i> , 2015 , 17, 676-9	6.2	31
208	Highly chemo-, regio-, and enantioselective rhodium-catalyzed cross-cyclotrimerization of two different alkynes with alkenes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2956-9	16.4	40
207	Rhodium-catalyzed [2+2+2] cycloaddition of diynes with carbodiimides and carbon dioxide under ambient conditions. <i>Chemistry - A European Journal</i> , 2014 , 20, 2169-74	4.8	36
206	The Oxidative Annulation of Tertiary Benzyl Alcohols with Internal Alkynes using an (Electron-Deficient β -Cyclopentadienyl)Rhodium(III) Catalyst under Ambient Conditions. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1638-1644	5.6	59
205	Enantioselective synthesis and enhanced circularly polarized luminescence of S-shaped double azahelicenes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 5555-8	16.4	241
204	Antidepressant-like effect of <i>Butea superba</i> in mice exposed to chronic mild stress and its possible mechanism of action. <i>Journal of Ethnopharmacology</i> , 2014 , 156, 16-25	5	30
203	Oxidative Annulation of Anilides with Internal Alkynes Using an (Electron-Deficient β -Cyclopentadienyl)Rhodium(III) Catalyst Under Ambient Conditions. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1577-1585	5.6	110
202	Enantioselective cycloisomerization of 1,6-enynes to bicyclo[3.1.0]hexanes catalyzed by rhodium and benzoic acid. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7627-30	16.4	47
201	Enantioselective synthesis of [9]- and [11]helicene-like molecules: double intramolecular [2+2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8480-3	16.4	57
200	Rhodium-catalyzed Enantioselective [2 + 2 + 2] Cycloaddition of Tosylamide-linked 5-Allenal and 5-Allenone with Internal Alkynes. <i>Chemistry Letters</i> , 2014 , 43, 1260-1262	1.7	11
199	Rhodium-catalyzed Intramolecular Dehydrogenative Aryl-Aryl Coupling Using Air as Terminal Oxidant. <i>Chemistry Letters</i> , 2014 , 43, 1782-1784	1.7	16

198	Highly Chemo-, Regio-, and Enantioselective Rhodium-Catalyzed Cross-Cyclootrimerization of Two Different Alkynes with Alkenes. <i>Angewandte Chemie</i> , 2014 , 126, 3000-3003	3.6	13
197	Enantioselective Synthesis of [9]- and [11]Helicene-like Molecules: Double Intramolecular [2+2+2] Cycloaddition. <i>Angewandte Chemie</i> , 2014 , 126, 8620-8623	3.6	30
196	Ruthenium-Mediated [2 + 2 + 2] Cycloaddition 2013 , 71-125		6
195	Skeletal Rearrangement Reactions 2013 , 743-771		3
194	Cycloaromatization via Transition Metal π -Cumulenylidenes 2013 , 549-569		3
193	Utilization of Transition-Metal Carbenoids 2013 , 425-453		
192	Diels-Alder Reactions 2013 , 341-353		2
191	Application to the Synthesis of Natural Products 2013 , 207-242		5
190	Coupling Reactions of the sp ² C-H Bond with Alkynes 2013 , 683-718		3
189	Synthesis of Carbazoles and Related Compounds via C-E Bond-Forming Coupling Reactions 2013 , 617-644		
188	Intramolecular C-X Bond Formation between C-X or X-H and Alkynes 2013 , 485-536		
187	Formal [4 + 2] Benzannulation via Pirylium Intermediates 2013 , 379-398		4
186	Nickel-Mediated [2 + 2 + 2] Cycloaddition 2013 , 37-70		6
185	Rhodium-Mediated [2 + 2 + 2] Cycloaddition 2013 , 127-160		8
184	[2 + 2 + 2] and Related Cycloadditions Mediated by Other Transition Metals 2013 , 183-205		
183	Dearomatization-Aromatization Sequence 2013 , 773-796		1
182	Metathesis Reactions 2013 , 719-742		
181	Synthesis of Planar Chiral Aromatic Compounds via [2 + 2 + 2] Cycloaddition 2013 , 243-253		3

180	Synthesis of Helically Chiral Aromatic Compounds via [2 + 2 + 2] Cycloaddition 2013 , 281-298		18
179	Utilization of 1,3-Dipolar Compounds 2013 , 399-424		
178	Synthesis of Heterocycles via X-H Bond Addition to Dienes 2013 , 537-547		0
177	Synthesis of Aromatic Benzo-Fused Five- and Six-Membered Heterocycles via Palladium- and Copper-Catalyzed C-X Bond-Forming Reactions 2013 , 645-682		1
176	Rhodium-Catalyzed Cyclization Reactions of α -Alkynyl Aldehydes with Carboxylic Acid Anhydrides. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5266-5271	3.2	5
175	Data Mining Methods for Omics and Knowledge of Crude Medicinal Plants toward Big Data Biology. <i>Computational and Structural Biotechnology Journal</i> , 2013 , 4, e201301010	6.8	34
174	Rhodium- and iridium-catalyzed dehydrogenative cyclization through double C-H bond cleavages to produce fluorene derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 1365-70	4.2	91
173	Enantioselective synthesis of planar-chiral carba-paracyclophanes: rhodium-catalyzed [2+2+2] cycloaddition of cyclic diynes with terminal monoynes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5617-21	16.4	39
172	Rhodium-catalyzed olefin isomerization/allyl Claisen rearrangement/intramolecular hydroacylation cascade. <i>Organic Letters</i> , 2013 , 15, 2112-5	6.2	25
171	One-pot cycloisomerization/hetero-Diels-Alder reaction of 1,6-enynes with aldehydes catalyzed by rhodium and a Brønsted acid. <i>Organic Letters</i> , 2013 , 15, 2120-3	6.2	15
170	Synthesis of triphenylene derivatives by rhodium-catalyzed [2 + 2 + 2] cycloaddition: application to the synthesis of highly fluorescent triphenylene-based long ladder molecules. <i>Journal of Organic Chemistry</i> , 2013 , 78, 6202-10	4.2	38
169	Asymmetric Synthesis of C ₂ -Symmetric Axially Chiral Biaryls through Rhodium-Catalyzed and Alkyne-Controlled Diastereoselective Double [2+2+2] Cycloaddition. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 6774-6778	3.2	15
168	Iridium-Mediated [2 + 2 + 2] Cycloaddition 2013 , 161-181		2
167	Enantioselective Synthesis of Planar-Chiral Carba-Paracyclophanes: Rhodium-Catalyzed [2+2+2] Cycloaddition of Cyclic Dienes with Terminal Monoynes. <i>Angewandte Chemie</i> , 2013 , 125, 5727-5731	3.6	12
166	Aromatic Ring Construction from Zirconocenes and Titanocenes 2013 , 299-320		1
165	Evaluation of the Quality of Chinese and Vietnamese Cassia Using LC-MS and Multivariate Analysis. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	0
164	Evaluation of the quality of Chinese and Vietnamese cassia using LC-MS and multivariate analysis. <i>Natural Product Communications</i> , 2013 , 8, 75-8	0.9	7
163	Rhodium-catalyzed one-pot intermolecular [2 + 2 + 2] trimerization/asymmetric intramolecular [4 + 2] cycloaddition of two aryl ethynyl ethers and 5-alkynals. <i>Organic Letters</i> , 2012 , 14, 5856-9	6.2	19

162	Rhodium-Catalyzed [2+2+2] Cycloaddition for the Synthesis of Substituted Pyridines, Pyridones, and Thiopyranimines. <i>Heterocycles</i> , 2012 , 85, 1017	0.8	104
161	DESIGN AND SYNTHESIS OF A C2-SYMMETRIC CHIRAL 1,2-BIS(DIPHENYLPHOSPHINO)BENZENE LIGAND VIA RHODIUM-CATALYZED INTRAMOLECULAR [2+2+2] CYCLOADDITION. <i>Heterocycles</i> , 2012 , 86, 139	0.8	2
160	Rhodium-Catalyzed Regio-, Diastereo-, and Enantioselective [2+2+2] Cycloaddition of 1,6-Enynes with Acrylamides. <i>Angewandte Chemie</i> , 2012 , 124, 13208-13212	3.6	21
159	Rhodium-catalyzed regio-, diastereo-, and enantioselective [2+2+2] cycloaddition of 1,6-enynes with acrylamides. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 13031-5	16.4	43
158	Rhodium-catalyzed C-H bond activation/[4 + 2] annulation/aromatization cascade to produce phenol, naphthol, phenanthrenol, and triphenylenol derivatives. <i>Organic Letters</i> , 2012 , 14, 1492-5	6.2	31
157	Rhodium-Catalyzed Three-Component Cross-Addition of Silylacetylenes, Alkynyl Esters, and Electron-Deficient Alkenes or Isocyanates. <i>Angewandte Chemie</i> , 2012 , 124, 9541-9545	3.6	7
156	Rhodium-catalyzed three-component cross-addition of silylacetylenes, alkynyl esters, and electron-deficient alkenes or isocyanates. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9407-11	16.4	17
155	Rhodium-Catalyzed [2+2+2] Cycloaddition of Alkynes for the Synthesis of Substituted Benzenes: Catalysts, Reaction Scope, and Synthetic Applications. <i>Synthesis</i> , 2012 , 44, 323-350	2.9	67
154	Rhodium-catalyzed enantioselective synthesis, crystal structures, and photophysical properties of helically chiral 1,1Sbitriphenylenes. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4080-3	16.4	299
153	Chemical Constituents of <i>Blumea balsamifera</i> of Indonesia and Their Protein Tyrosine Phosphatase 1B Inhibitory Activity. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200700	0.9	3
152	Rhodium-Catalyzed Annulation Reactions of 2-Alkynylbenzaldehydes and 2-Vinylbenzaldehyde with Unsaturated Compounds. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2012 , 70, 1134-1144	0.2	5
151	Transition-Metal-Catalyzed Cyclization of Alkynals via Oxametallacycle Intermediates. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3715-3725	3.2	49
150	Rhodium-Catalyzed Intramolecular Cyclization of Naphthol- or Phenol-Linked 1,6-Enynes Through the Cleavage and Formation of sp ² C=O Bonds. <i>Angewandte Chemie</i> , 2012 , 124, 6078-6082	3.6	19
149	Synthesis of Fluorene Derivatives through Rhodium-Catalyzed Dehydrogenative Cyclization. <i>Angewandte Chemie</i> , 2012 , 124, 5455-5458	3.6	58
148	Rhodium-Catalyzed Cascade Reactions of Dienynes Leading to Substituted Dihydronaphthalenes and Naphthalenes. <i>Angewandte Chemie</i> , 2012 , 124, 6826-6831	3.6	10
147	Dearomatization of Fused Arenes Using Platinum-Catalyzed Intramolecular Formation of Two C=C Bonds. <i>Angewandte Chemie</i> , 2012 , 124, 6323-6326	3.6	9
146	Rhodium-catalyzed intramolecular cyclization of naphthol- or phenol-linked 1,6-enynes through the cleavage and formation of sp ² C-O bonds. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5976-80	16.4	63
145	Synthesis of fluorene derivatives through rhodium-catalyzed dehydrogenative cyclization. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5359-62	16.4	136

144	Rhodium-catalyzed cascade reactions of dienyne leading to substituted dihydronaphthalenes and naphthalenes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6722-7	16.4	25
143	Dearomatization of fused arenes using platinum-catalyzed intramolecular formation of two C-C bonds. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6219-22	16.4	20
142	Rhodium-catalyzed linear cross-trimerization of two different alkynes with an alkene and two different alkenes with an alkyne. <i>Chemistry - A European Journal</i> , 2012 , 18, 9225-9	4.8	21
141	Multi-stage Mass Spectrometric Analysis of Saponins in Glycyrrhiza radix. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	0.9	
140	Cationic gold(I) axially chiral biaryl bisphosphine complex-catalyzed atropselective synthesis of heterobiaryls. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 944-50	2.5	41
139	Analysis of biosynthetic fluctuations of cultured Taxus seedlings using a metabolomic approach. <i>Phytochemistry</i> , 2011 , 72, 1760-6	4	13
138	Enantioselective Construction of Bridged Multicyclic Skeletons: Intermolecular [2+2+2] Cycloaddition/Intramolecular Diels-Alder Reaction Cascade. <i>Angewandte Chemie</i> , 2011 , 123, 1702-1705	3.6	18
137	Rhodium-Catalyzed Asymmetric Formal Olefination or Cycloaddition: 1,3-Dicarbonyl Compounds Reacting with 1,6-Diynes or 1,6-Enynes. <i>Angewandte Chemie</i> , 2011 , 123, 4567-4571	3.6	12
136	Hierarchical Assembly of a Phthalhydrazide-Functionalized Helicene. <i>Angewandte Chemie</i> , 2011 , 123, 3768-3771	3.6	61
135	Palladium-Catalyzed Enantioselective Intramolecular Hydroarylation of Alkynes To Form Axially Chiral 4-Aryl 2-Quinolinones. <i>Angewandte Chemie</i> , 2011 , 123, 4049-4053	3.6	16
134	Catalytic [2+2+1] Cross-Cyclotrimerization of Silylacetylenes and Two Alkynyl Esters To Produce Substituted Silylfulvenes. <i>Angewandte Chemie</i> , 2011 , 123, 11109-11113	3.6	44
133	Rhodium-Catalyzed Intermolecular [2+2+2] Cross-Trimerization of Aryl Ethynyl Ethers and Carbonyl Compounds To Produce Dienyl Esters. <i>Angewandte Chemie</i> , 2011 , 123, 11114-11118	3.6	4
132	Enantioselective construction of bridged multicyclic skeletons: intermolecular [2+2+2] cycloaddition/intramolecular Diels-Alder reaction cascade. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1664-7	16.4	48
131	Rhodium-catalyzed asymmetric formal olefination or cycloaddition: 1,3-dicarbonyl compounds reacting with 1,6-diynes or 1,6-enynes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4475-9	16.4	27
130	Hierarchical assembly of a phthalhydrazide-functionalized helicene. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3684-7	16.4	199
129	Palladium-catalyzed enantioselective intramolecular hydroarylation of alkynes to form axially chiral 4-aryl 2-quinolinones. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3963-7	16.4	58
128	Catalytic [2+2+1] cross-cyclotrimerization of silylacetylenes and two alkynyl esters to produce substituted silylfulvenes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10917-21	16.4	117
127	Rhodium-catalyzed intermolecular [2+2+2] cross-trimerization of aryl ethynyl ethers and carbonyl compounds to produce dienyl esters. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 10922-6	16.4	29

126	Enantioselective synthesis of axially chiral 1-arylisoquinolines by rhodium-catalyzed [2+2+2] cycloaddition. <i>Chemistry - A European Journal</i> , 2011 , 17, 1428-32	4.8	36
125	Rhodium-catalyzed asymmetric [2+2+2] cyclization of 1,6-enynes and aldehydes. <i>Chemistry - A European Journal</i> , 2011 , 17, 12578-81	4.8	27
124	Asymmetric synthesis of axially chiral biaryl diphosphine ligands by rhodium-catalyzed enantioselective intramolecular double [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2011 , 13, 362-5	6.2	58
123	Rhodium-catalyzed olefin isomerization/enantioselective intramolecular Alder-ene reaction cascade. <i>Organic Letters</i> , 2011 , 13, 4894-7	6.2	44
122	Enantioselective synthesis of axially chiral hydroxy carboxylic acid derivatives by rhodium-catalyzed [2 + 2 + 2] cycloaddition. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1926-9	4.2	31
121	Rhodium-catalyzed enantioselective cyclizations of β -alkynylaldehydes with acyl phosphonates: ligand- and substituent-controlled C-P or C-H bond cleavage. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6918-21	16.4	42
120	Enantioselective Synthesis of Planar Chiral Paracyclophanes with Short ansa Chains and Structure of Strained Dioxo[7]paracyclophane. <i>Synlett</i> , 2011 , 2011, 539-542	2.2	8
119	Analysis of MS/MS Fragmentation of Taxoids. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000501		0
118	Cationic rhodium(I) complex-catalyzed π and σ bond activation cascade: Isomerization of allyl propargyl ethers to allenic aldehydes and dienals. <i>Pure and Applied Chemistry</i> , 2010 , 82, 1453-1460	2.1	3
117	Rhodium-catalyzed asymmetric reductive cyclization of heteroatom-linked 5-alkynals with heteroatom-substituted acetaldehydes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1238-9	16.4	27
116	Rhodium-catalyzed complete regioselective intermolecular cross-cyclotrimerization of aryl ethynyl ethers and nitriles or isocyanates at room temperature. <i>Organic Letters</i> , 2010 , 12, 1312-5	6.2	84
115	Cationic rhodium(I) complex-catalyzed cotrimerization of propargyl esters and arylacetylenes leading to substituted dihydropentalenes. <i>Organic Letters</i> , 2010 , 12, 5596-9	6.2	16
114	Asymmetric synthesis and photophysical properties of benzopyrano- or naphthopyrano-fused helical phosphafluorenes. <i>Organic Letters</i> , 2010 , 12, 1324-7	6.2	94
113	Cationic rhodium(I) complex-catalyzed [3 + 2] and [2 + 1] cycloadditions of propargyl esters with electron-deficient alkynes and alkenes. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7896-8	16.4	65
112	Rhodium-catalyzed convenient synthesis of functionalized tetrahydronaphthalenes. <i>Tetrahedron</i> , 2010 , 66, 1563-1569	2.4	14
111	Asymmetric synthesis of planar-chiral paracyclophanes by double C \equiv C bond formation: comparison of catalytic activity and enantioselectivity of Pd and Rh catalysts. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1303-1306 ¹⁷		
110	Cationic Rhodium(I)/H8-binap Complex Catalyzed [2+2+2] Cycloadditions of 1,6- and 1,7-Diynes with Carbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2737-2747	3.2	34
109	One-Step Construction of Five Successive Rings by Rhodium-Catalyzed Intermolecular Double [2+2+2] Cycloaddition: Enantioenriched [9]Helicene-Like Molecules. <i>Angewandte Chemie</i> , 2009 , 121, 5578-5581 ¹⁴	3.6	44

108	Synthesis of Chiral Tetrasubstituted Alkenes by an Asymmetric Cascade Reaction Catalyzed Cooperatively by Cationic Rhodium(I) and Silver(I) Complexes. <i>Angewandte Chemie</i> , 2009 , 121, 8273-8276	3.6	20
107	One-step construction of five successive rings by rhodium-catalyzed intermolecular double [2+2+2] cycloaddition: enantioenriched [9]helicene-like molecules. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5470-3	16.4	113
106	Synthesis of chiral tetrasubstituted alkenes by an asymmetric cascade reaction catalyzed cooperatively by cationic rhodium(I) and silver(I) complexes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8129-32	16.4	54
105	Commercially available liquid enol ethers and acetates as gaseous alkyne equivalents in cationic Rh(I)/BINAP-catalyzed chemo- and regioselective formal cross-alkyne cyclotrimerizations. <i>Tetrahedron</i> , 2009 , 65, 5093-5101	2.4	21
104	Synthesis of substituted 6-imino-2-piperidinones by Rh-catalyzed [4+2] annulation of 4-alkynals with carbodiimides. <i>Tetrahedron</i> , 2009 , 65, 9008-9014	2.4	17
103	Simultaneous characterization of quaternary alkaloids, 8-oxoprotoberberine alkaloids, and a steroid compound in <i>Coscinium fenestratum</i> by liquid chromatography hybrid ion trap time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 413-25	3.5	54
102	A new route to substituted phenols by cationic rhodium(I)/BINAP complex-catalyzed decarboxylative [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2009 , 11, 1337-40	6.2	50
101	Transition-metal-catalyzed enantioselective [2+2+2] cycloadditions for the synthesis of axially chiral biaryls. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 508-18	4.5	314
100	Highly enantioselective construction of axial chirality by palladium-catalyzed cycloisomerization of N-alkenyl arylolefinylamides. <i>Organic Letters</i> , 2009 , 11, 1805-8	6.2	41
99	Rhodium-catalyzed highly enantioselective direct intermolecular hydroacylation of 1,1-disubstituted alkenes with unfunctionalized aldehydes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12552-3	16.4	138
98	Cationic rhodium(I)-dppf complex-catalyzed olefin isomerization/propargyl Claisen rearrangement/carbonyl migration cascade. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10822-3	16.4	31
97	Amide-directed alkenylation of sp ² C-H Bonds catalyzed by a cationic Rh(I)/BIPHEP complex under mild conditions: dramatic rate acceleration by a 1-pyrrolidinecarbonyl group. <i>Organic Letters</i> , 2009 , 11, 689-92	6.2	86
96	Flexible synthesis of fused benzofuran derivatives by rhodium-catalyzed [2 + 2 + 2] cycloaddition with phenol-linked 1,6-diynes. <i>Organic Letters</i> , 2009 , 11, 2361-4	6.2	73
95	Cationic rhodium(I)/bisphosphine complex-catalyzed cyclization of 1,6-diynes with carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 4817-20	3.9	22
94	A New Route to Tricyclic 2-Pyridone Frameworks via Formation of Bicyclic N-Alkenyl Alkynylamides Followed by Gold-catalyzed Cycloisomerization. <i>Chemistry Letters</i> , 2009 , 38, 1152-1153	1.7	15
93	Structure Elucidation of Acylsucrose Derivatives from <i>Atractylodes lanceae</i> Rhizome and <i>Atractylodes</i> Rhizome. <i>Natural Product Communications</i> , 2009 , 4, 1934578X0900400	0.9	
92	Structure elucidation of acylsucrose derivatives from <i>Atractylodes lanceae</i> rhizome and <i>Atractylodes</i> rhizome. <i>Natural Product Communications</i> , 2009 , 4, 1095-8	0.9	3
91	Convergent and rapid assembly of substituted 2-pyridones through formation of N-alkenyl alkynylamides followed by gold-catalyzed cycloisomerization. <i>Organic Letters</i> , 2008 , 10, 3563-6	6.2	77

90	Quantitation of curcuminoids in curcuma rhizome by near-infrared spectroscopic analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 8787-92	5.7	44
89	Rhodium-catalyzed enantio- and diastereoselective intramolecular [2 + 2 + 2] cycloaddition of unsymmetrical dienyne. <i>Chemical Communications</i> , 2008 , 3804-6	5.8	34
88	Rhodium-catalyzed highly enantio- and diastereoselective cotrimerization of alkenes and dialkyl acetylenedicarboxylates leading to furylcyclopropanes. <i>Organic Letters</i> , 2008 , 10, 2825-8	6.2	41
87	Practical enantioselective synthesis of axially chiral biaryl diphosphonates and dicarboxylates by cationic rhodium(I)/Segphos-catalyzed double [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2008 , 10, 2849-52	6.2	54
86	Rhodium-catalyzed regio- and stereoselective codimerization of alkenes and electron-deficient internal alkynes leading to 1,3-dienes. <i>Organic Letters</i> , 2008 , 10, 2829-31	6.2	47
85	Use of Acyl Phosphonates as a Coupling Partner for Rhodium-Catalyzed [2+2+2] Cycloaddition: Unexpected Dependence of the Reactivity on Structures of Dienes. <i>Synlett</i> , 2008 , 2008, 2017-2022	2.2	19
84	Synthesis of Enantioenriched N-Aryl-2-pyridones with Chiral C-N Axes by Rhodium-Catalyzed [2+2+2] Cycloaddition of Alkynes with Isocyanates. <i>Synlett</i> , 2008 , 2008, 1724-1728	2.2	62
83	Prediction of cyclooxygenase inhibitory activity of curcuma rhizome from chromatograms by multivariate analysis. <i>Chemical and Pharmaceutical Bulletin</i> , 2008 , 56, 936-40	1.9	29
82	Rhodium-catalyzed Highly Enantioselective [4 + 2] Annulation of 2-Alkynylbenzaldehydes with Acyl Phosphonates. <i>Chemistry Letters</i> , 2008 , 37, 934-935	1.7	10
81	Comparative study on volatile components of Nardostachys rhizome. <i>Journal of Natural Medicines</i> , 2008 , 62, 112-6	3.3	16
80	Highly enantioselective synthesis of n,n-dialkylbenzamides with aryl-carbonyl axial chirality by rhodium-catalyzed [2+2+2] cycloaddition. <i>Chemistry - A European Journal</i> , 2008 , 14, 6593-6	4.8	62
79	Highly regio-, diastereo-, and enantioselective [2+2+2] cycloaddition of 1,6-enynes with electron-deficient ketones catalyzed by a cationic Rh(I)/H8-binap complex. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1312-6	16.4	84
78	Enantioselective synthesis of P-stereogenic alkynylphosphine oxides by Rh-catalyzed [2+2+2] cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3410-3	16.4	81
77	Enantioselective synthesis of spirocyclic benzopyranones by rhodium-catalyzed intermolecular [4+2] annulation. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5820-2	16.4	80
76	Highly Regio-, Diastereo-, and Enantioselective [2+2+2] Cycloaddition of 1,6-Enynes with Electron-Deficient Ketones Catalyzed by a Cationic Rh(I)/H8-binap Complex. <i>Angewandte Chemie</i> , 2008 , 120, 1332-1336	3.6	28
75	Enantioselective Synthesis of P-Stereogenic Alkynylphosphine Oxides by Rh-Catalyzed [2+2+2] Cycloaddition. <i>Angewandte Chemie</i> , 2008 , 120, 3458-3461	3.6	16
74	Enantioselective Synthesis of Spirocyclic Benzopyranones by Rhodium-Catalyzed Intermolecular [4+2] Annulation. <i>Angewandte Chemie</i> , 2008 , 120, 5904-5906	3.6	28
73	Quality evaluation of Astragali Radix using a multivariate statistical approach. <i>Phytochemistry</i> , 2008 , 69, 2081-7	4	35

72	Enantioselective synthesis of planar-chiral metacyclophanes through cationic Rh(I)/modified-BINAP-catalyzed inter- and intramolecular alkyne cyclotrimerizations. <i>Tetrahedron</i> , 2008 , 64, 831-846	2.4	26
71	Enantioselective synthesis of β -disubstituted β -amino acids by Rh-catalyzed [2+2+2] cycloaddition of 1,6-diynes with protected dehydroamino acid. <i>Tetrahedron</i> , 2008 , 64, 6289-6293	2.4	30
70	Liquid enol ethers and acetates as gaseous alkyne equivalents in rh-catalyzed chemo- and regioselective formal cross-alkyne cyclotrimerization. <i>Organic Letters</i> , 2008 , 10, 2537-40	6.2	68
69	Cationic Rh(I)/modified-BINAP-catalyzed reactions of carbonyl compounds with 1,6-diynes leading to dienones and ortho-functionalized aryl ketones. <i>Organic Letters</i> , 2007 , 9, 2203-6	6.2	68
68	Catalytic [2+2+2] and thermal [4+2] cycloaddition of 1,2-bis(arylpropioyl)benzenes. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2243-6	4.2	34
67	Cationic rhodium(I)/segphos-catalyzed cycloisomerization of 1,6- and 1,7-diynes in the presence of 1,2-cyclohexanedione. <i>Organic Letters</i> , 2007 , 9, 3953-6	6.2	18
66	Rhodium-catalyzed reactions of dithiols and 1,4-bis(bromomethyl)benzenes leading to enantioenriched dithiaparacyclophanes. <i>Organic Letters</i> , 2007 , 9, 4881-4	6.2	35
65	Direct intermolecular hydroacylation of N,N-dialkylacrylamides with aldehydes catalyzed by a cationic rhodium(I)/dppb complex. <i>Organic Letters</i> , 2007 , 9, 1215-8	6.2	84
64	Enantioselective synthesis of C ₂ -symmetric spirobipyridine ligands through cationic Rh(I)/modified-BINAP-catalyzed double [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2007 , 9, 1295-8	6.2	90
63	Rh-catalyzed [4 + 2] carbocyclization of vinylarylaldehydes with alkenes and alkynes leading to substituted tetralones and 1-naphthols. <i>Organic Letters</i> , 2007 , 9, 2059-62	6.2	24
62	Enantioselective synthesis of planar-chiral metacyclophanes through rhodium-catalyzed alkyne cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1522-3	16.4	61
61	Rh-catalyzed synthesis of helically chiral and ladder-type molecules via [2 + 2 + 2] and formal [2 + 1 + 2 + 1] cycloadditions involving C-C triple bond cleavage. <i>Journal of the American Chemical Society</i> , 2007 , 129, 12078-9	16.4	118
60	Development of Chemo-, Regio-, and Enantioselective [2+2+2] Cycloadditions Catalyzed by Cationic Rhodium (I)/BINAP-Type Bisphosphine Complexes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2007 , 65, 862-873	0.2	15
59	Analysis of Ginsenosides in Ginseng Drugs Using Liquid Chromatography-Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Natural Product Communications</i> , 2007 , 2, 1934578X0700200	0.9	1
58	Asymmetric assembly of aromatic rings to produce tetra-ortho-substituted axially chiral biaryl phosphorus compounds. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3951-4	16.4	145
57	Asymmetric Assembly of Aromatic Rings To Produce Tetra-ortho-Substituted Axially Chiral Biaryl Phosphorus Compounds. <i>Angewandte Chemie</i> , 2007 , 119, 4025-4028	3.6	56
56	Cationic Rhodium(I)/Bisphosphane Complex-Catalyzed Isomerization of Secondary Propargylic Alcohols to α -Enones. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2687-2699	3.2	53
55	Cationic P(OPh) ₃ - or PPh ₃ -Rhodium(I) Complex-Catalyzed Isomerizations of 5-Alkynyl Ketones, Cyclopent-1-enyl Ketones, and Cyclohexenones. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 5675-5685	3.2	15

54	Synthesis of perfluoroalkylated benzenes and pyridines through cationic Rh(I)/modified BINAP-catalyzed chemo- and regioselective [2 + 2 + 2] cycloaddition. <i>Organic Letters</i> , 2007 , 9, 1907-10	6.2	64
53	Cationic Rhodium(I)/BINAP-Type Bisphosphine Complexes: Versatile New Catalysts for Highly Chemo-, Regio-, and Enantioselective [2+2+2] Cycloadditions. <i>Synlett</i> , 2007 , 2007, 1977-1993	2.2	227
52	Enantioselective Synthesis of C2-Symmetric Dimethyl Cyclohexadiene-1,4-dicarboxylates through Cationic Rhodium(I)/Modified-BINAP-Catalyzed [2+2+2] Cycloadditions. <i>Synlett</i> , 2007 , 2007, 1426-1430	2.2	51
51	Preparation of Enantioenriched Axially Chiral Anilides via [2+2+2] Cycloaddition of 1,6-Diynes with Trimethylsilylynamides. <i>Synthesis</i> , 2007 , 2007, 2920-2923	2.9	35
50	C≡C Bond Formation: Through Isomerization 2007 , 71-100		12
49	Rhodium-catalyzed asymmetric one-pot transesterification and [2 + 2 + 2] cycloaddition leading to enantioenriched 3,3-disubstituted phthalides. <i>Organic Letters</i> , 2007 , 9, 1307-10	6.2	73
48	Rh-catalyzed [4+2] annulation of 4-alkynals with isocyanates and its application to the parallel kinetic resolution of unfunctionalized 4-alkynals. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2734-7	16.4	58
47	Synthesis of Polyether Cyclophanes through Rhodium-Catalyzed Cross-Alkyne Cyclotrimerization. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3575-3581	3.2	27
46	Cationic Rhodium(I)/Modified-BINAP Catalyzed [2+2+2] Cycloaddition of Alkynes with Nitriles. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3917-3922	3.2	125
45	Rhodium-Catalyzed Regio-, Diastereo-, and Enantioselective Intermolecular [4+2] Carbocyclization of 4-Alkynals with Electron-Deficient Alkenes. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3582-3595	3.2	27
44	Rh-Catalyzed [4+2] Annulation of 4-Alkynals with Isocyanates and Its Application to the Parallel Kinetic Resolution of Unfunctionalized 4-Alkynals. <i>Angewandte Chemie</i> , 2006 , 118, 2800-2803	3.6	27
43	Enantioselective synthesis of axially chiral anilides through rhodium-catalyzed [2+2+2] cycloaddition of 1,6-diynes with trimethylsilylynamides. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4586-7	16.4	178
42	Rhodium-catalyzed [2+2+2] cycloaddition of 1,6-diynes with isothiocyanates and carbon disulfide. <i>Organic Letters</i> , 2006 , 8, 907-9	6.2	43
41	Enantioselective Synthesis of Tetra-ortho-Substituted Axially Chiral Biaryls through Rhodium-Catalyzed Double [2 + 2 + 2] Cycloaddition. <i>Organic Letters</i> , 2006 , 8, 3489-92	6.2	74
40	Rhodium-catalyzed reductive coupling of disulfides and diselenides with alkyl halides, using hydrogen as a reducing agent. <i>Organic Letters</i> , 2005 , 7, 4193-5	6.2	109
39	Enantioselective synthesis of axially chiral biaryls through rhodium-catalyzed complete intermolecular cross-cyclotrimerization of internal alkynes. <i>Organic Letters</i> , 2005 , 7, 3119-21	6.2	72
38	Transition-metal-catalyzed rearrangement of 5-alkynals to gamma-alkynylketones and 1-cyclopentenylketones. <i>Chemical Communications</i> , 2005 , 4711-3	5.8	14
37	Cationic rhodium(I)/BINAP complex-catalyzed isomerization of secondary propargylic alcohols to alpha,beta-enones. <i>Organic Letters</i> , 2005 , 7, 3561-3	6.2	49

36	Rhodium-catalyzed chemo-, regio-, and enantioselective [2 + 2 + 2] cycloaddition of alkynes with isocyanates. <i>Organic Letters</i> , 2005 , 7, 4737-9	6.2	116
35	Rhodium-catalyzed reaction of thiols with polychloroalkanes in the presence of triethylamine. <i>Organic Letters</i> , 2005 , 7, 1537-9	6.2	31
34	Rhodium-catalyzed regio- and enantioselective intermolecular [4+2] carbocyclization of 4-alkynals with N,N-dialkyl acrylamides. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7260-3	16.4	50
33	Rhodium-Catalyzed Regio- and Enantioselective Intermolecular [4+2] Carbocyclization of 4-Alkynals with N,N-Dialkyl Acrylamides. <i>Angewandte Chemie</i> , 2005 , 117, 7426-7429	3.6	21
32	Chemo- and regioselective intermolecular cyclotrimerization of terminal alkynes catalyzed by cationic rhodium(I)/modified BINAP complexes: application to one-step synthesis of paracyclophanes. <i>Chemistry - A European Journal</i> , 2005 , 11, 1145-56	4.8	129
31	Rhodium-Catalyzed Intramolecular Hydroacylation of 4-Alkynals. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2005 , 63, 351-358	0.2	16
30	Enantioselective synthesis of axially chiral phthalides through cationic [Rh(I)(H8-binap)]-catalyzed cross alkyne cyclotrimerization. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6510-2	16.4	136
29	Enantioselective Synthesis of Axially Chiral Phthalides through Cationic [RhI(H8-binap)]-Catalyzed Cross Alkyne Cyclotrimerization. <i>Angewandte Chemie</i> , 2004 , 116, 6672-6674	3.6	39
28	Rhodium-catalyzed intramolecular hydroacylation of 5- and 6-alkynals: convenient synthesis of alpha-alkylidenecycloalkanones and cycloalkenones. <i>Chemistry - A European Journal</i> , 2004 , 10, 5681-8	4.8	68
27	Cationic rhodium(I)/PPh ₃ complex-catalyzed dehydrogenation of alkanethiols to disulfides under inert atmosphere. <i>Tetrahedron Letters</i> , 2004 , 45, 25-27	2	33
26	Phosphine-free cationic rhodium(I) complex-catalyzed disulfide exchange reaction: convenient synthesis of unsymmetrical disulfides. <i>Tetrahedron Letters</i> , 2004 , 45, 5677-5679	2	49
25	Highly chemo- and regioselective intermolecular cyclotrimerization of alkynes catalyzed by cationic rhodium(I)/modified BINAP complexes. <i>Organic Letters</i> , 2003 , 5, 4697-9	6.2	123
24	Parallel kinetic resolution of 4-alkynals catalyzed by Rh(I)/Tol-BINAP: synthesis of enantioenriched cyclobutanones and cyclopentenones. <i>Journal of the American Chemical Society</i> , 2003 , 125, 8078-9	16.4	135
23	A Novel Rhodium-Catalyzed Reduction/Oxidation Process: Reaction of 4-Alkynals with Phenol to Provide cis-4-Alkenoates. <i>Angewandte Chemie</i> , 2002 , 114, 1677-1679	3.6	14
22	A novel rhodium-catalyzed reduction-oxidation process: reaction of 4-alkynals with phenol to provide cis-4-alkenoates. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 1607-9	16.4	35
21	Enantioselective synthesis of cyclopentenones via rhodium-catalyzed kinetic resolution and desymmetrization of 4-alkynals. <i>Journal of the American Chemical Society</i> , 2002 , 124, 10296-7	16.4	89
20	Rhodium-catalyzed synthesis of cyclohexenones via a novel [4 + 2] annulation. <i>Organic Letters</i> , 2002 , 4, 933-5	6.2	50
19	A unique rhodium-catalyzed rearrangement process: isomerization of an alkyne to a 1,3-diene with concomitant migration of a formyl group. An expeditious route to dienals from readily available 4-alkynals. <i>Chemical Communications</i> , 2002 , 684-5	5.8	19

18	A versatile new catalyst for the enantioselective isomerization of allylic alcohols to aldehydes: scope and mechanistic studies. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8177-86	4.2	122
17	A versatile new method for the synthesis of cyclopentenones via an unusual rhodium-catalyzed intramolecular trans hydroacylation of an alkyne. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11492-3	16.4	120
16	Practical Synthesis of (6-Chloro-3-pyridyl)methylamine by Highly Selective Hydrogenation of 6-Chloro-3-pyridinecarbonitrile with Improved Raney Nickel Catalyst. <i>Bulletin of the Chemical Society of Japan</i> , 2000 , 73, 1227-1231	5.1	1
15	Thirteen novel cycloartane-type triterpenes from <i>Combretum quadrangulare</i> . <i>Journal of Natural Products</i> , 2000 , 63, 57-64	4.9	53
14	Enantioselective Isomerization of Allylic Alcohols Catalyzed by a Rhodium/Phosphaferrocene Complex. <i>Journal of the American Chemical Society</i> , 2000 , 122, 9870-9871	16.4	157
13	Practical asymmetric synthesis of (S)-MA20565, a wide-spectrum agricultural fungicide. <i>Journal of Organic Chemistry</i> , 2000 , 65, 432-7	4.2	56
12	A Practical Synthesis of Indanofan via One-Pot Bromination of 3-Chloroethylbenzene. <i>Synthesis</i> , 1999 , 1999, 249-253	2.9	2
11	Highly selective hydrogenation of 2-chloro-5-cyanopyridine with an improved sponge nickel catalyst. <i>Tetrahedron Letters</i> , 1999 , 40, 5885-5888	2	5
10	A Practical Synthesis of 3-Chloro- β -Bromostyrene Starting from 3-Chloroethylbenzene. <i>Synthetic Communications</i> , 1999 , 29, 211-218	1.7	0
9	A practical synthesis of (R)-3-chlorostyrene oxide starting from 3-chloroethylbenzene. <i>Tetrahedron: Asymmetry</i> , 1998 , 9, 3275-3282		22
8	Calyxin H, Epicalyxin H, and Blepharocalyxins A and B, Novel Diarylheptanoids from the Seeds of <i>Alpinia blepharocalyx</i> . <i>Journal of Natural Products</i> , 1998 , 61, 212-6	4.9	46
7	Acceleration Mechanisms of C-H Bond Functionalization Catalyzed by Electron-Deficient CpRh(III) Complexes. <i>ACS Catalysis</i> , 13591-13602	13.1	2
6	[4 + 2] and [3 + 2] Cycloaddition via Metallacycles 221-340		
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